Pressure-Flow-control unit GDF-KE

Application

pressure and flow control for Simoloyer®-systems:
- reduction of pressure (supplied by customer, e. g. gas-bottle)
- adjustable flow-rate of gas, usually inert-gas (e. g. Argon)

assembly usually near gas-supply (at customer),
connected with flexible hose (by customer).

Note: Since the overpressure for the Simoloyer® system is restricted, it is recommended to limit the pressure and also the flow-rate in front of the system.
max. over-pressure: 2bar
recommended overpressure: 0,5bar (processing)

example: GDF-KE-25-250 for CM01/CM08

example: GDF-KE-25-250 with adaptation plate

Dimensions

for Simoloyer®:	CM01	CM08	CM20	CM100	CM400
pressure range / overpressure [bar]	0 - +6 (adjustable)				
flow-rate (adjustable through flow) [l/h][1]	25-250		50-500	180-1800	300-3000
approx. flow-rate (through flow) [l/min][1]	0,4-4		0,8-8	3-30	5-50
adaptation hose (inner diameter $\varnothing_i$) [mm]:	9 (12)				
net weight approx. [kg]	0,8		0,9	1,2	1,5
size calming-pipe-connection (ISO-KF):	DN16			DN25	DN40
material	VA/brass				
definition example	GDF-KE-25-250 (for CM01, CM08)				
options (upon inquiry):	adaptation plate for wall assembly suitable hose alternative flow-rate and pressure range				
1): (usually nominal ltr/min=L_N/h)					

technical data subject to alterations

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